5.6” TFT LCD MONITOR
User Manual

Part Number 82-12460

Edition V1.00

Notice:

Federal Communications Commission (FCC)

This equipment has been tested and found to comply with the limitations for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Re-orient or relocate the receiving antenna.
• Increase the separation between the equipment and the receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer, or an experienced radio/TV technician for help.

Safety Information

- ✧ The 5.6” LCD Monitor can be operated by battery when not connected to any other power source. If the battery is not correctly removed during replacement, it may cause physical damage. In addition, the battery is sensitive to heat, water and direct sunlight. Avoid prolonged exposure to water and/or direct heat, or sunlight..
- ✧ Please read this user manual entirely before operating monitor.
- ✧ Please use the accessories, especially the power adapter, specified by manufacturer. The use of unapproved accessories may cause physical or mechanical damage. Before turning on the equipment be sure all accessories were installed correctly.
- ✧ Do not use it near water.
- ✧ Do not install near any heat source or in direct sunlight.
- ✧ Place on stable platform, like a desk during use to avoid injury or system damaged.
- ✧ Protect the power cord to avoid crushing by heavy objects. Do not stretch

power cords across walkways.

- ✧ Avoid plugging power cord into overloaded AC outlet. Serious equipment damage, or fire could result from over loading the circuit.
- ✧ Monitor should only be serviced by a trained technician, or the original manufacturer
- ✧ Disconnect the power from the monitor if any of the following situations occur:
    - ◆ Power cord damaged
    - ◆ Water/liquid splits on monitor
    - ◆ The monitor is dropped, or the cabinet damaged

Warranty Information

A 1-year warranty against workmanship from the data of purchase is valid only if the monitor housing is unopened. If a problem is encountered under normal use, please contact Defender Security Customer Service at 1-800-543-4330. Warranty cannot be guaranteed if damage to the monitor is determined to be the result of misuse.

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Specifications. ..... Error! Bookmark not defined.

Introduction

Before operating you new 5.6” TFT LCD Monitor, please review the following:

- Check package contents
- Review TFT LCD Monitor controls
- Review Monitor function keys

Check package

The following items are packaged with the monitor when shipped. Please note that some optional accessories may not be included in your package. If any accessories are missing or damaged, please contact the manufacturer immediately. Please keep the package for re-packaging, if necessay.

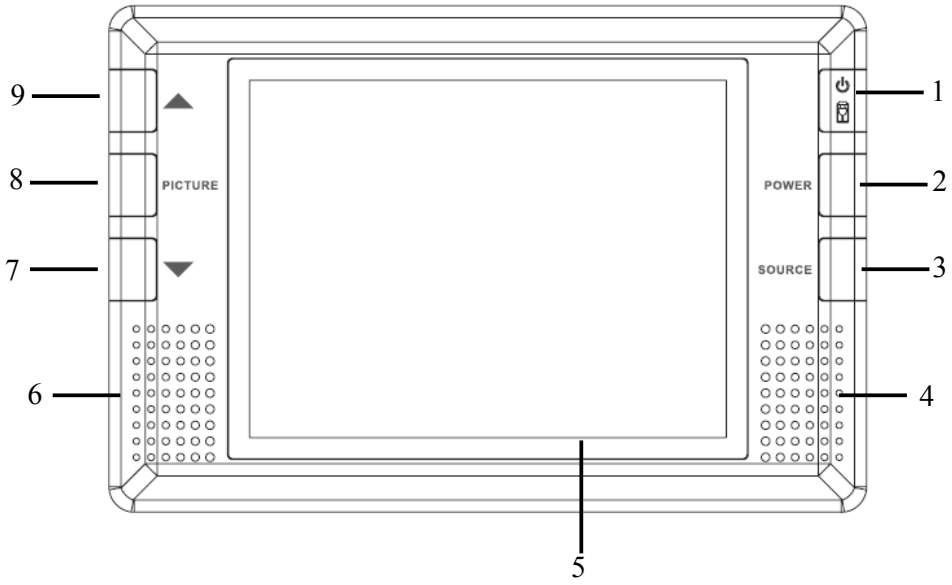
Accessories

- □ TFT LCD Monitor x1
- □ Rechargeable Li-polymer battery x 1
- □ User manual x1
- □ Audio cable x1
- □ Power cord x1
- □ Car power cord x1
- □ Carry case x1

TFT LCD Monitor Controls

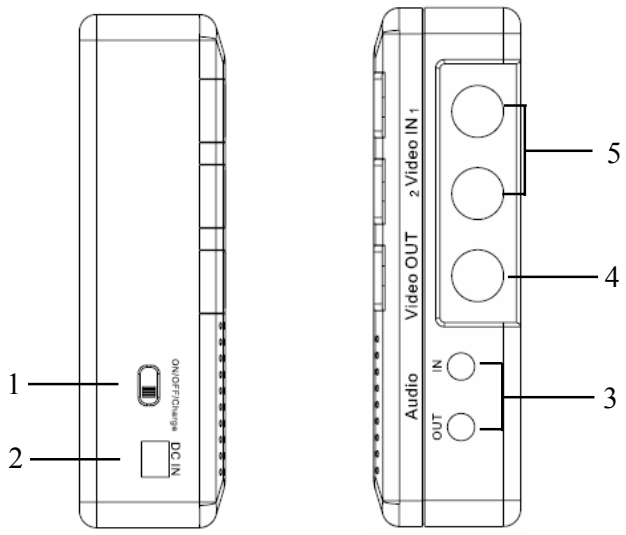
Refer to the following front, side and rear view figures and charts describing the controls and inputs on TFT LCD monitor:

Front view



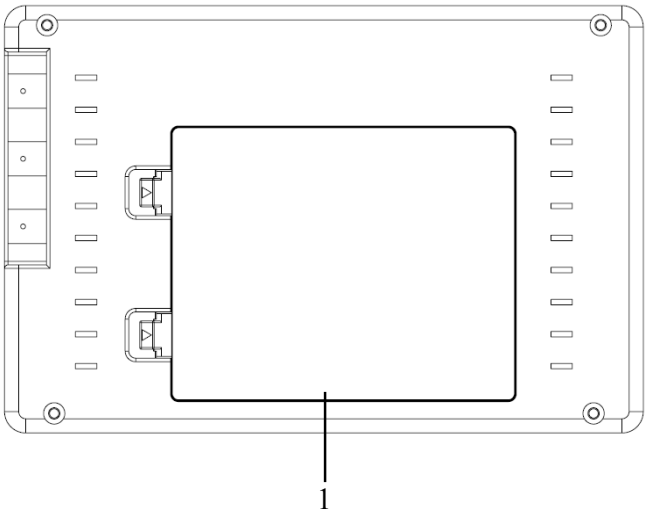
Description	
1	Power / Charge indicator
2	Power on/off
3	Input signal source selection
4	Speaker
5	TFT LCD Display
6	Speaker
7	Volume Down Control, or Scroll Down menu selections
8	OSD Menu / Picture
9	Volume Up Control, or Scroll Up menu selections

Side View



Description	
1	Power ON/OFF/Charge
2	Power input jack (12VDC)
3	3.5mm Audio Input/ Output
4	BNC Video Output
5	BNC Video1 / Video 2 Input

Rear View:



Description	
1	Rechargeable battery/cover

OSD Menu

1. LANGUAGE
2. AUTO OFF
3. CONTRAST
4. BRIGHTNESS
5. COLOR
6. TINT
7. SHARPNESS
8. RECALL

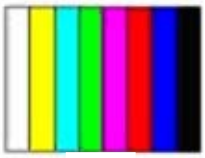
1. Press “PICTURE” function key to display the on-screen “MENU”
2. Use UP/DOWN function keys to scroll through the menu options. Press the “PICTURE” button to select a menu option. Repeat the same navigation instructions to select sub-menu options.

OSD Menu Descriptions

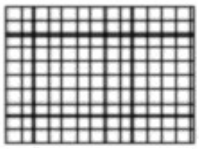
1. LANGUAGE	Ten Languages option: English□Chinese (Traditional)□Chinese(Simple)□Japanese□French□ Spanish□Italian□Dutch□Portuguese□Russian□Czech
2. AUTO OFF	Three types option□DISABLE□5 MINUTES□ 10 MINUTES
3. CONTRAST	Adjust contrast of the screen image
4. BRIGHTNESS	Adjust brightness of the screen image
5. COLOR	Adjust color of the screen image
6. TINT	Adjust tint of the screen image(NTSC system only)□
7. SHARPNESS	Adjust sharpness of the screen image
8. RECALL	Recall the default value

TEST PATTERNS

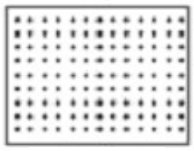
Press the “SOURCE” button, and select “PATTERN” in the sub-menu. Use the “DOWN”/ “UP” arrows to select the desired test pattern:



Color Bars

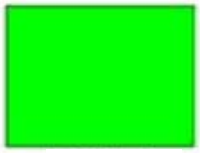


Cross-hatch



Point

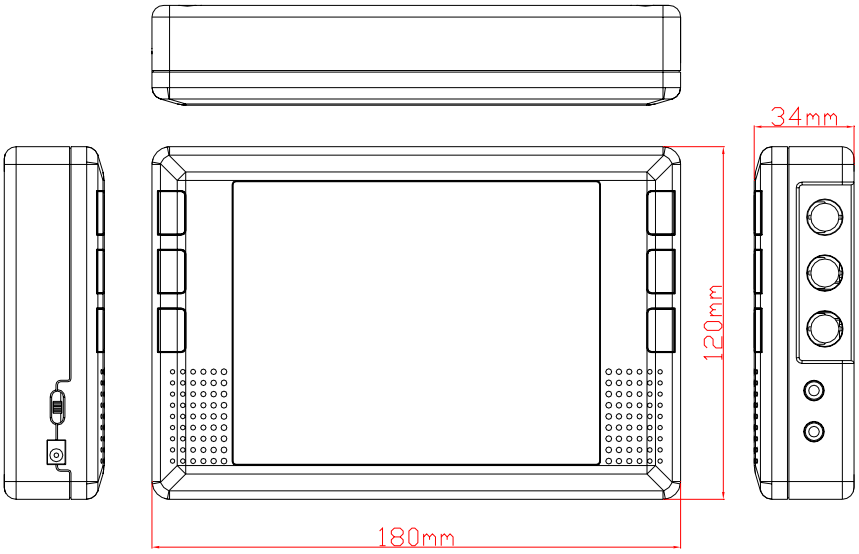
R



G

B

Dimension:



Specifications:

Item	Specification
LCD Display	5.6” TFT LCD Monitor
Resolution	320(H) x 234(V) (4:3)
Contrast ratio	150:1
Brightness	300cd/m^2
Response Time Tr / Tf	35ms(tr+tf)
Display Mode	Video 1,Video 2,Test pattern
Input	2 x BNC Inputs (1.0Vp-p 75Ω) 1 x Audio Input (3.5mm stereo Jack)
Output	1 x BNC Outputs (2.0Vp-p 75Ω) 1 x Audio Output (3.5mm stereo Jack)
Front Control Panel Buttons	Power on/off, LED indicator, Source, UP (Volume Increase), Down (Volume Decrease),
Operating Temperature	0^oC~40^oC
Storage Temperature	-10^oC~60^oC
Power Input	AC Input:100~240V/1.5A,50 / 60Hz
Power Consumption	DC 9V/13.5W
Rechargable battery	Li-Po battery (7.4V / 2600mAh)
Dimension	180(W) x 120(H) x 34(D)mm
Packing Dimension	256 x 175 x 116mm(1pc/Box)
Stand / bracket supported	1/4” standard screw mount on bottom

Specifications are subject to change without notice